

We claim:

1. The fusion proteins comprising the following elements:
 - (a) an artificial zinc-finger; and
 - (b) a TatdMt polypeptide.
2. The fusion protein of claim 1, wherein the zinc-finger recognizes human immunodeficiency virus (HIV) Long terminal repeat (LTR) region
3. The fusion protein of claim 1 further comprising POZ (Poxvirus and Zinc finger)-domain.
4. The fusion protein according to either of claims 1 or 3, further comprising a nuclear localization signal (NLS).
5. The fusion protein according to claims 1 or 2, wherein the fusion protein recognizes the HIV-1 LTR region -64 bp ~ -56 bp site and/or -67 bp ~ -59 bp site from transcription start site.
6. The fusion protein according to claims 2 or 3, wherein the fusion protein recognizes the HIV-1 LTR region -64 bp ~ -56 bp site and/or -67 bp ~ -59 bp site from transcription start site.
7. The fusion protein according to claim 1 wherein the fusion protein is HIV transcription repressor.
8. The fusion protein according to claim 3, wherein the fusion protein is HIV transcription repressor.

9. The fusion protein according to claim 1, wherein the zinc finger comprises amino acid sequence of SEQ ID NO:11 or SEQ ID NO:12.

5 10. The fusion protein according to claim 1, wherein the TatdMt polypeptide comprises amino acid sequence of SEQ ID NO:10.

11. The fusion protein according to claim 3, wherein the POZ-domain comprises amino acid sequence of SEQ ID NO:9.
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12. A DNA molecule that encodes a fusion protein comprising a zinc finger and a TatdMt polypeptide.

13. A DNA molecule according to claim 12, wherein the zinc
15 finger comprises nucleic acid sequence of SEQ ID NO:13 or SEQ ID NO:14.

14. A DNA molecule according to claim 12, wherein the TatdMt polypeptide comprises nucleic acid sequence of SEQ ID NO:15.
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15. A DNA molecule that encodes a fusion protein comprising a POZ (Poxvirus and Zinc finger)-domain; a zinc finger; and a TatdMt polypeptide.

25 16. A DNA molecule according to claim 15, wherein the POZ-domain comprises nucleic acid sequence of SEQ ID NO:16.